

Please replace

"e) at least one shock-absorbing device and at least one force distributing protector shield both installed to protect each member of the outermost pair of passenger support mechanisms, on each of the left and right sides of the vehicle, and locked to the fixed body members of the vehicle when in the operating position; and

f) internal airbags, each mounted on the outer side of each of the outermost said passenger support mechanisms, but inside said shock absorbers and protector shields, on both the left and the right sides of the vehicle, such that upon detection of an impact event, the airbag deploys next to said passenger support mechanism(s) and deploying upwards and inwards to protect the passengers."

with

"e) at least one shock-absorbing device and at least one force distributing protector shield both installed to protect each of the pair of passenger support mechanisms, on each of the left and right sides of the vehicle, and locked to the fixed body members of the vehicle when in the operating position; and

f) internal airbags, each mounted on the outer side of each of said passenger support mechanisms, but inside said shock absorbers and protector shields, on both the left and the right sides of the vehicle, such that upon detection of an impact event, the airbag deploys next to said passenger support mechanism(s) and deploying upwards and inwards to protect the passengers."

Claim 8:

Please replace

"transferred to the said vehicle"

with

"transferred to said vehicle"

Claim 32:

Please replace

"vehicle structure of claim 2"

with

"vehicle structure of claim 23"

Claim 33:

Please replace

"vehicle structure of claim 2"

with

"vehicle structure of claim 23"

Claim 36:

Please replace

"vehicle structure of claim 2"

with

"vehicle structure of claim 23"



Claim 37:

Please replace

"vehicle structure of claim 2"

with

"vehicle structure of claim 23"

Please append claims 23 and 24 as follows:

23.(D) The vehicle structure of claim 1, further comprising:

- e) at least one pair of a safety beam lower elements said pair comprising two members of said pair, each member of said pair having a first face and a second face, and constructed to provide a means to resist compressive lateral impact forces, and to provide support for components attached thereto, a member of each pair of said safety beam lower elements being directly mounted on its second face to the at least one fixed body member, such that said mounting of the two members of each pair are on each of the left side and on the right side respectively of said at least one fixed body member of the vehicle respectively, the members of each pair being mounted at the same longitudinal position of said vehicle;
- f) at least one pair of a safety beam upper elements said pair comprising two members of said pair, each member of said pair having a first face and a second face and designed to resist compression, and each of the members of said pair mounted to the first face of each member of a pair of said safety beam lower element on the left and the right sides of the vehicle;
- g) pairs of at least one passenger support mechanism each pair comprising two members, members of said pairs being mounted on each of the left and the right sides of said vehicle on at least one lateral axis such that the pair having its members closest to the external surface of the vehicle structure on any one of said lateral axes, constitutes the outermost pair on that lateral axis, and such that the pair having its members closest to the center of the vehicle structure on any one of said lateral axes constitutes an innermost pair;
- h) a plurality of impact decoupler/secondary slides each with a first face and a second face, attached by said first face to one member of said pair of said safety beam upper element on the second face of said safety beam upper element and said impact decoupler/secondary slides fixedly attached by said second face to one of the passenger support mechanisms, such that said impact decouplers/secondary slides are normally fixedly attached by said first face to said safety beam upper element, but become decoupled and thereafter slidably attached by said first face to said safety beam upper element along a lateral axis when a lateral shear force greater than a predetermined force is applied to said first face relative to said second face of said impact decouplers/secondary slides allowing said passenger support mechanisms attached to said second face of said impact decouplers/secondary slides to slide along said lateral axis relative to said safety beam upper element, said

impact decouplers/secondary slides mounted on each of said safety beam upper element being constructed such that after they are decoupled, they can be guided laterally by, and are slidably attached to one or more of said safety beam upper element mounted on a single pair of said safety beam lower element, and further positioned on the safety beam upper element at all times such that they are not obstructed by any elements of the vehicle in the event that said impact decouplers/secondary slides need under collision conditions to traverse the center of the vehicle to the further side of the vehicle;

i) internal airbags, each mounted on the outer side of and adjoining each of the outermost said passenger support mechanisms, on both the left and the right sides of the vehicle, such that upon detection of an impact event, the airbag deploys one or more of upwards and inwards, next to said passenger support mechanism, to protect the passenger; and

j) pairs of at least one protector assembly comprising a shock-absorbing device and a force distributing protector shield, each of said pairs comprising two elements, said elements of each pair being mounted on the left and the right side of the vehicle said protector assembly installed to protect each member of the outermost pair of passenger support mechanisms, on each of the left and right sides of the vehicle, and locked to the fixed body members of the vehicle to be oriented parallel to the sides of the passenger support mechanisms and adjoining said internal airbags, when in the operating position and positioned so as to not interfere with ingress and egress when said passenger support mechanisms are in the extended position.

24. (D) A vehicle structure as in claim 23, further comprising deflation devices that deflate said internal airbags installed on the side of said vehicle away from said lateral impact, immediately following an impact, when an outward movement of said passenger support mechanisms is detected, thereby providing more space for the motion of said passenger support mechanisms following said impact and minimizing ejection of said passenger support mechanism outside said vehicle.

Remarks - General

The applicant provisionally elects species represented by figures 1-6, with traverse and in support thereof states as follows. Drawings have been amended to further mitigate the examiners potential objections.

The applicant provides below the claims that read on the three species noted by the examiner. The applicant submits that these drawings represent only selected aspects of selected embodiments of the invention. A table of dependence of each claim is also provided for the convenience of the examiner: